0500

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/09/428,082

DATE: 11/10/1999

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Input Set: I428082.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

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24				_		_						aaa -		_	-			96
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26	-				20					25					30			
27												gtg						144
28		мет	тте		Arg	Thr	Pro	GIU		Thr	Cys	Val	vaı		Asp	vaı	ser	
29 30			~~~	35	aat	~~~	ata	226	40	225	+~~	+	~+ ~	45	~~~	~+~	~~~	100
31	-											tac						192
32		птэ	50	ASP	PIO	GIU	vaı	ыуъ 55	FIIC	ASII	тър	Tyr	60	ASP	Gry	vai	GIU	
33		ata		22+		224	202		000		~~~	gag		tac	220	200	200	240
34												Glu	-			-		240
35		65	1113	ASII	ATG	цур	70	пуз	FLO	Arg	Giu	75	GIII	ıyı	ASII	DCI	80	
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37												His						200
38		- 7 -	y	vul	vai	85	val	LCu		Val	90	******	0111	nop	115	95	ASII	
39		aac	ааσ	σασ	tac	-	tac	ааσ	atc	taa		aaa	acc	ctc	cca		CCC	336
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57											aac							624
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59				195					200	L				205	~-~	-		670
60		_			_	_					acg							672
61		Met	210	GIU	Ald	Leu	HIS	215	HIS	ıyı	Thr	GIII	шуS 220	ser	ьеu	ser	цеи	
62 63		tat		ggt	222			215					220					684
64			_	Gly					•								•	004
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77		His		Asp	Pro	Glu	Val		Phe	Asn	Trp	Tyr		Asp	Gly	Val	Glu	
78			50	_		_		55	_	_			60	_	_		_,	
79			His	Asn	Ala	ràs		_		Arg	Glu			Tyr	Asn	ser		
80		65	7	17-1	17a 3	Com	_	T 011		770 T	T 011	75		7 000	TT-1000	T 011	80	
81 82		туг	Arg	vaı	vai	ser 85	vaı	ьeu	Thr	vaı	Leu 90	HIS	GIII	Asp	тър	ьеu 95	ASII	
83		Gl v	Lare	Glu	Тъгъ		Cve	Lare	17 = 1	Sar	Asn	Tare	λla	T.011	Dro		Pro	
84		GLY	пуъ	Giu	100	nys	Cys	пуъ	vaı	105	ASII	пуъ	Ата	шец	110	Ата	PIO	
85		Tle	Glu	Lvs		Tle	Ser	Lvs	Δla		Gly	Gln	Pro	Δrσ		Pro	Gln	
86			014	115			001	_, _	120	_,_	0 -7			125			0111	
87		Val	Tvr		Leu	Pro	Pro	Ser		Asp	Glu	Leu	Thr		Asn	Gln	Val	
88			130					135					140	_1 =				
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90		145			-		150	-	-		_	155		-			160	
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137
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144
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168 169		~~~	taa	++-		ata	+ > 0	200	224		200	~+~		224	180	200	t ~~	632
170			tcc Ser					_	_				_	_	_			632
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217		a	210	~1	T	a 1	~1	215	a 1	~1	- 1-	~1	220	Dwo	mlo so	T 011	7	
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234													1				5	
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237					10					15	- + -	_+-		L	20			150
238					cca			_	_			_						152
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241 242					tgc Cys													400
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		aarr		aac	tgg	tac	ata		aac	ata	gag	ata		aat	מככ	ааσ	aca	248
se Note:	\	aay		uuc	~33	cac	3 - 3	940	330	3-3	2~3	2~2	Juc	~~0				

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Line	?	Erro	r/Warni	ng		٠		Orig	gina:	l Te	ĸt							
	-							·	al		·	m1	• ·	· ·	·		•	
					Feature					_				Arg		_		
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					Feature	_				_				Leu		_		
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Line ? Error/Warning

VERIFICATION SUMMARY PATENT APPLICATION US/09/428,082

Original Text

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7596 W "N" or "Xaa" used: Feature required Lys Lys Tyr Xaa 7728 W "N" or "Xaa" used: Feature required Ser Ile Xaa Asn 7760 W "N" or "Xaa" used: Feature required Lys Lys Tyr Leu Xaa 7832 W "N" or "Xaa" used: Feature required Ser Ile Xaa Asn	
7728 W "N" or "Xaa" used: Feature required Ser Ile Xaa Asn 7760 W "N" or "Xaa" used: Feature required Lys Lys Tyr Leu Xaa 7832 W "N" or "Xaa" used: Feature required Ser Ile Xaa Asn	
7760 W "N" or "Xaa" used: Feature required Lys Lys Tyr Leu Xaa 7832 W "N" or "Xaa" used: Feature required Ser Ile Xaa Asn	
7832 W "N" or "Xaa" used: Feature required Ser Ile Xaa Asn	
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7906 W "N" or "Xaa" used: Feature required Lys Lys Tyr Leu Xaa	
7968 W "N" or "Xaa" used: Feature required . Xaa Cys Lys Lys Tyr Leu Cys	
9176 W "N" or "Xaa" used: Feature required Thr Phe Val Tyr Trp Gln Pro Tyr	r Ser H
9787 W "N" or "Xaa" used: Feature required Asn Xaa Xaa Trp Xaa Xaa Pro Tyr	
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9897 W "N" or "Xaa" used: Feature required Xaa Xaa Ile Trp Tyr Gln Pro Tyr	
10597 W "N" or "Xaa" used: Feature required Xaa Xaa Pro Tyr Gln Xaa Tyr Ala	a Leu P
10631 W "N" or "Xaa" used: Feature required Phe Glu Trp Thr Pro Gly Tyr Trp	
10643 W "N" or "Xaa" used: Feature required Phe Glu Trp Thr Pro Gly Tyr Tyr	u Pro L
10667 W "N" or "Xaa" used: Feature required Phe Thr Trp Glu Glu Ser Asn Ala	u Pro L n Xaa T
10715 W "N" or "Xaa" used: Feature required Xaa Xaa Gln Xaa Tyr Xaa Xaa Xaa	u Pro L n Xaa T n Xaa T

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VERIFICATION SUMMARY PATENT APPLICATION US/09/428,082

DATE: 11/10/1999 TIME: 15:05:27

Line ? Error/Warning	Original Text
10732 W "N" or "Xaa" used: Feature required	Xaa Xaa Gln Xaa Tyr Xaa Xaa Xaa
10757 W "N" or "Xaa" used: Feature required	Xaa Xaa Gln Xaa Tyr Xaa Xaa Xaa
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10902 W "N" or "Xaa" used: Feature required	Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa X
10904 W "N" or "Xaa" used: Feature required	Tyr Xaa Xaa Leu
11007 W "N" or "Xaa" used: Feature required	Phe Glu Trp Thr Pro Gly Tyr Trp Gln Xaa T
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VERIFICATION SUMMARY PATENT APPLICATION US/09/428,082 DATE: 11/10/1999 TIME: 15:05:27

Line	?	Erro	or/V	Varning	3			Original Text										
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12444	W	"N"	or	"Xaa"	used:	Feature	required	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa			
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13619	W	"N"	or	"Xaa"	used:	Feature	required	Cys	Xaa	Pro	Xaa	Cys						
13804	W	Inva	alic	l/Miss	ing Am:	ino Acid	Numbering	1				5					10	